POWERFUL CLASSROOM PRACTICES THAT AFFECT ASSESSMENT RESULTS

Powerful Classroom Practices that Affect Assessment Results

Academic Vocabulary: Strategies for creating multidisciplinary lessons that will boost student achievement

Instructional Strategies: Emphasize evidence-based best practices

Testing Tip and Tools: Practices across the curriculum for best impact and results

Activity: Hmmm and Ha by Jonathan Gibson

What the DATA?

AzMERIT

- Snapshot of student performance
- Higher proficiency expectations
 Tied to Arizona's 2016 ELA and Math Standards
 Similar to expectation on other assessments
- Results are focused on student proficiency

Formative/ Benchmark

- Full picture of student performance
- Graduated proficiency expectations
 Tied to Arizona's 2016 ELA and Math Standards
- Results are focused on student growth and guide instruction

Academic Vocabulary

Arizona English Language Arts Standards

Reading Standards for Literature

Key Ideas and Details

9-10.RL.1— Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as inference; drawn from the text.

9-10.RL.2— Determine a theme or central idea of a text and analyze in detail its development over the course of the text, including how it emerges and is shaped and refined by specific details; provide an objective summary of the text.

9-10.RL.3 — Analyze how complex characters (e.g., those with multiple or conflicting motivations) develop over the course of a text, interact with other characters, and advance the plot or develop the theme.

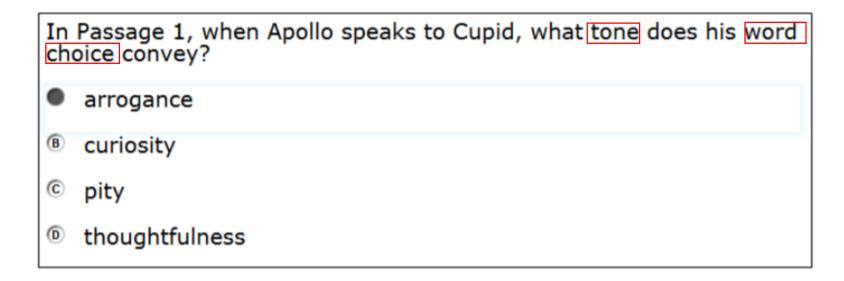
Craft and Structure

9-10.RL.4— Determine the meaning of words and phrases as they are used in the text, including figurative and connotative meanings; analyze the cumulative impact of specific word choices on meaning and tone.

9-10.RL.5— Analyze how an author's choices concerning how to structure a text, order events within it, and manipulate time create such effects as mystery, tension, or surprise.

9-10.RL.6— Analyze how points of view and/or cultural experiences are reflected in works of literature, drawing from a variety of literary texts.

9-10.RL.4:Determine the meaning of words and phrases as they are used in the text, including figurative and connotative meanings; analyze the cumulative impact of specific word choices on meaning and tone.



Arizona Math Standards 7.G.A.3

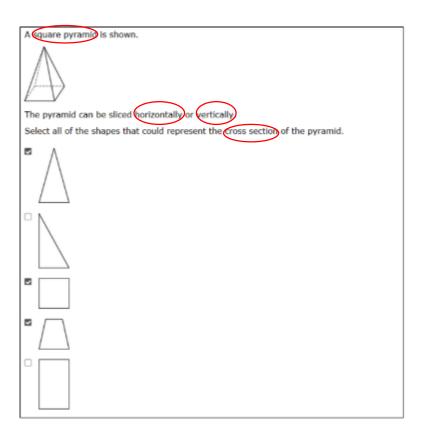
Describe the two-dimensional figures that result from slicing three-dimensional figures.

GEOMERTY

Content Emphasis: (supporting content)

Draw, construct, and describe geometrical figures and describe the relationships between them

7.G.A.3: Identify two dimensional shapes formed by the intersection of a plane and prism or pyramid.



Item Specifications

A1.A-REI.D.10						
	Content Standards	Understand that the graph of an equation in two variables is the set of all its solutions plotted in the coordinate plane, often forming a curve, which could be a line.				
	Explanations	Represent and solve equations and inequalities graphically.				
	Content Limits	This standard is aligned to Algebra I only. Linear and exponential equations				
	Context	Context is allowed.				

Context	Context is allowed.					
Sample Tas	k Demands	Common Item Formats				
Students will be required points that lie on the graph						
Students will be required solutions to a given equation		 Equation Response Graphic Response Multiple Choice Response Multi-Select Response 				
	to identify other possible on, type of equation, and/or ne equation.	Width-Select Response				

Performance Level Descriptors				
Minimally Proficient	Partially Proficient			
Identify the graph of an equation in two variables.	Identify a solution given the graph of an equation in two variables.			
Proficient	Highly Proficient			
Understand that the graph of an equation in two variables is the set of all its solutions plotted in the coordinate plane, often forming a curve, which could be a line.	Explain that the graph of an equation in two variables is the set of all its solutions plotted in the coordinate plane, often forming a curve, which could be a line.			



Activity – Use Item Specifications to create an ELA or Math Item.

1: Identify Academic Vocabulary within the Standard

2: Create item using Academic Vocabulary

3: Clone additional Item Type

4: SHARE

Multiple Choice	Multi-Select
Hot Text/ Grid	Open Response/ Equation Editor

AzMERIT Resources



ELA and Math Resources

- ► AzMERIT Writing Guides and Rubrics
- Writing Resources
- ▶ Reading Resources
- ▶ Math Resources

AzMERIT Resources

- ▶ AzMERIT Blueprints and Cut Scores
- ▶ AzMERIT Sample Tests
- Item Specifications
- ► Performance Level Descriptors

http://www.azed.gov/assessment/resources/

AZMERIT | Arizona's Statewide Achievement Assessment for English Language Arts and Mathematics



Instructional Strategies

Classroom Practices

Highlighting Key Information

Using Storyboards/Organizers

Citing Sources

Building Procedural Fluency from Conceptual Understanding

Posing Purposeful Questions

Using Tools Strategically

Highlighting

Source 3: Keep Students Focused on Schoolwork

by Luz Chavez

AzMERIT Highlighting

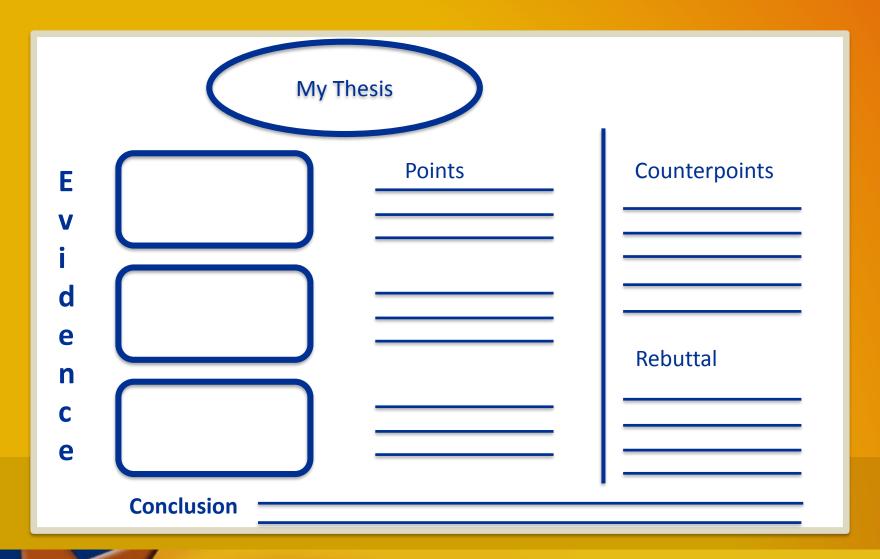
sounds like a good idea at first. Students learn how to be responsible. They practice working in groups. They keep the school looking great. However, there are many reasons these jobs should be left to adults.

10 Students lead busy lives. They have classwork, homework, after-school activities, and chores at home. Many parents are already concerned that their children have too much homework. Teachers often worry about having enough classroom time to teach and prepare students. Many

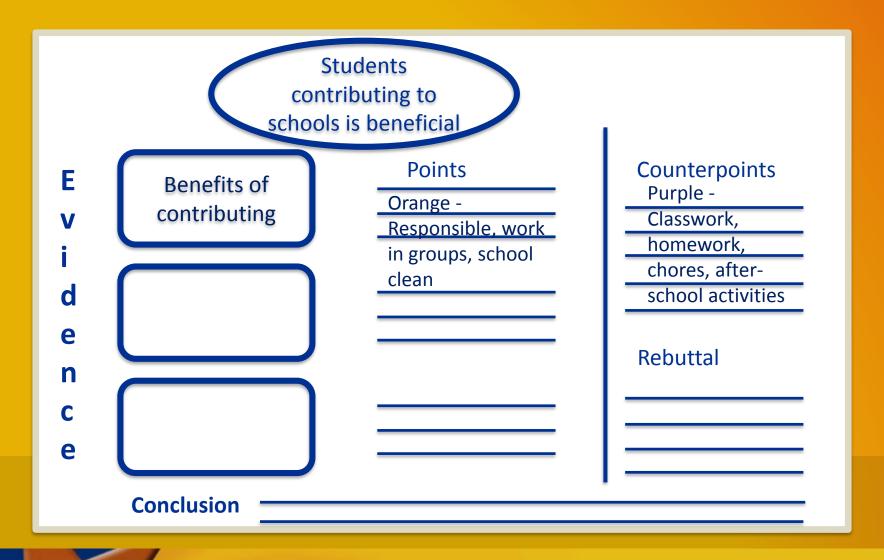
AzMERIT Sample Test Grade 4



Storyboard for Argumentative Writing







Informative/Explanatory

Purpose, Focus, and Organization

Evidence and Elaboration

Conventions

Opinion/Argumentative

Total Points:

4

Purpose, Focus, and Organization

Evidence and Elaboration

Conventions



Things to Remember:

While students are encouraged to quote or paraphrase from the text, they must elaborate with their own original thoughts and ideas.

To be scored, a student response must include at least 30% original text.

	Gr 3	Gr 4	Gr 5	Gr 6	Gr 7	Gr 8	Gr 9	Gr 10	Gr 11
Prompt Copy Match	11%	6%	6%	6%	6%	4%	4%	3%	2%

Quoting

Paraphrasing

Summarizing*

Natural Evidence

Quoting

Use a direct quote from the original source.

Example:

According to the article, "Your helmet should have a sticker that says it meets standards set by the Consumer Product Safety Commission" (Dowshen, 2014).

Quoting

Paraphrasing

Summarizing*

Natural Evidence

Paraphrasing

Rephrase the quote in your own words.

Example:

The KidsHealth article states that you should look for a helmet with a sticker from the Consumer Product Safety Commission (CPSC).



Quoting

Paraphrasing

Summarizing*

Natural Evidence

Summarizing*

Using only the main points of the source in your own words.

Example:

The KidsHealth article discusses why bike safety is important, how to use a bike helmet, where to ride, road rules, and using hand signals.



Quoting

Paraphrasing

Summarizing*

Natural Evidence

Natural Evidence Integration

Taking phrases from the source and use them in your argument.

Example:

Wearing a bike helmet is so important that the government created stickers for those helmets that meet "standards set by the Consumer Product Safety Commission (CPSC)."



Citation Engines



Mathematical Fluency — applying mathematics accurately, efficiently, and flexibly (CCSSI, 2009).

- Provide students with opportunities to use flexible strategies and methods for solving problems.
- Model efficient procedures as needed.
- Connect student-generated strategies with efficient procedures.
- Practice should be brief, engaging, purposeful, and distributed.

Highlighting

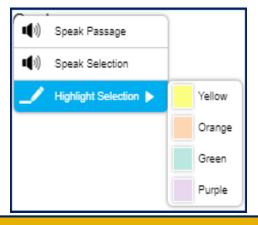
16

A survey of 525 people was conducted to determine whether they have brothers and sisters.

- The results showed that 24%
 of the people surveyed do not
 have a sister and 68% of the
 people surveyed have a
 brother.
- The results also showed that 93 of the people surveyed do not have a sister and do not have a brother.

Complete the two-way frequency table to show the results of the survey.

	Have a Brother	Do Not Have a Brother	Total
Have a Sister			
Do Not Have a Sister			
Total			525



AzMERIT Sample Test Algebra I

Problem Solving Problem: <u>Underline</u> key words. Put a box around the question. Decide on a strategy. Show your work. **Check and label your work**

Problem Solving

Problem:

Five children are playing on the playground. The teacher called the children in for a snack. She had 20 cookies. How many cookies did each child get?

Underline key words.

Put a box around the question.

Decide on a strategy. Show your work.

Check and label your work

Draw a picture:

20/5 = 4

XXXX XXXX XXXX XXXX

Each child got 4 cookies.

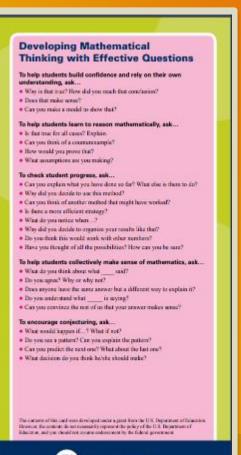
PBS Teacherline Tips for Developing Mathematical Thinking

- To promote problem solving
- To make connections
- To encourage reflection
- To check progress
- To encourage conjecture
- To build confidence



REMARKABLE RESOURCES

FOR TRACHING AND LEARNING



PBS TeacherLine

REMARKABLE RESOURCES FOR TEACHING AND LEARNING



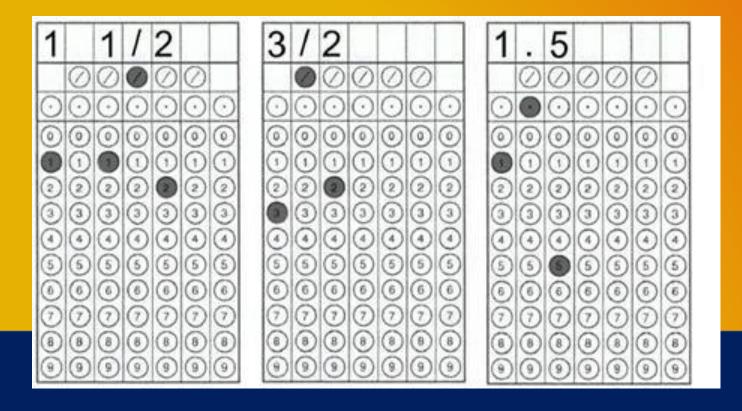


Activity

Pair – Share Strategies

- Pre and Post Test Strategy
- Vocab Strategy
- Highlighting important details or information
- Writing Plan and using Text- based evidence

Testing Tips and Tools



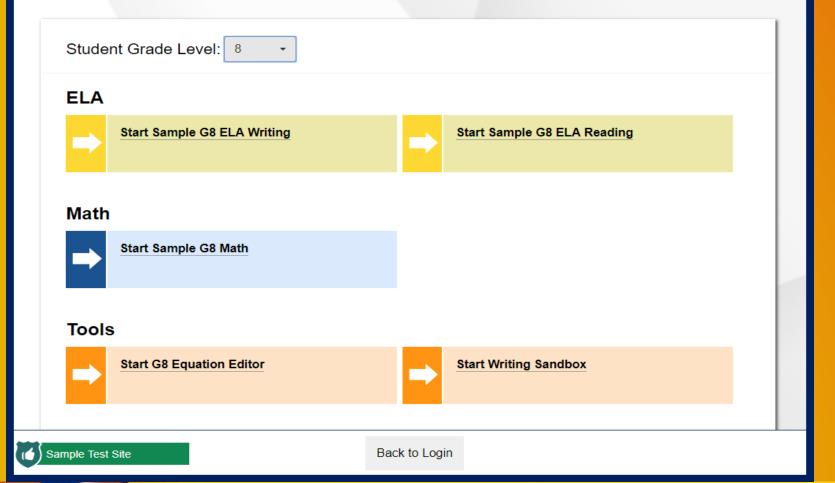
Any correct response is accepted

Issues:

Not putting a space between whole numbers and fractions
Filling in two circles in the same column
Not filling in the circles

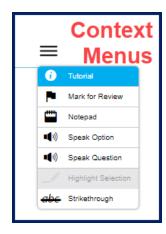


Your Tests

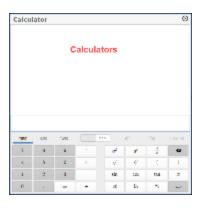


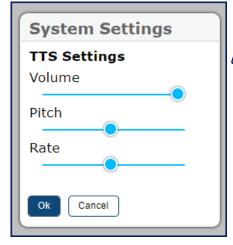
Using Tools Strategically





AZMERIT TO





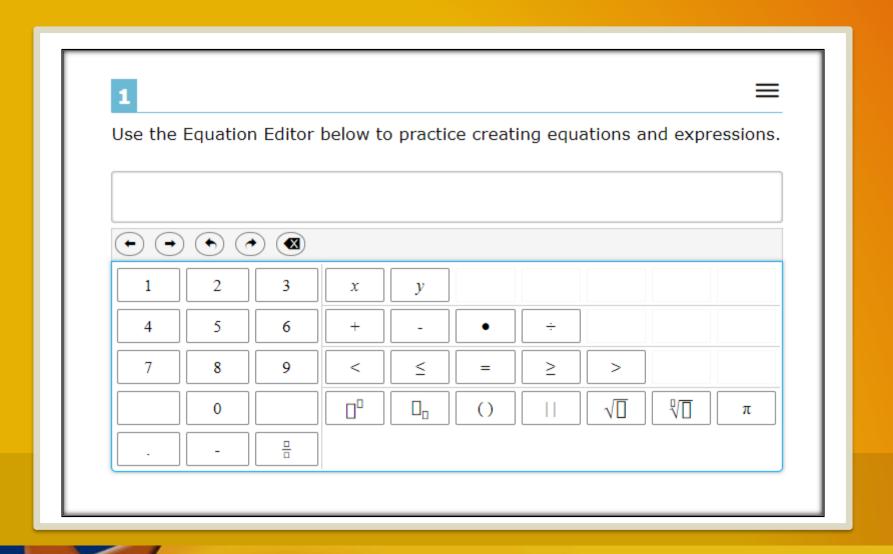


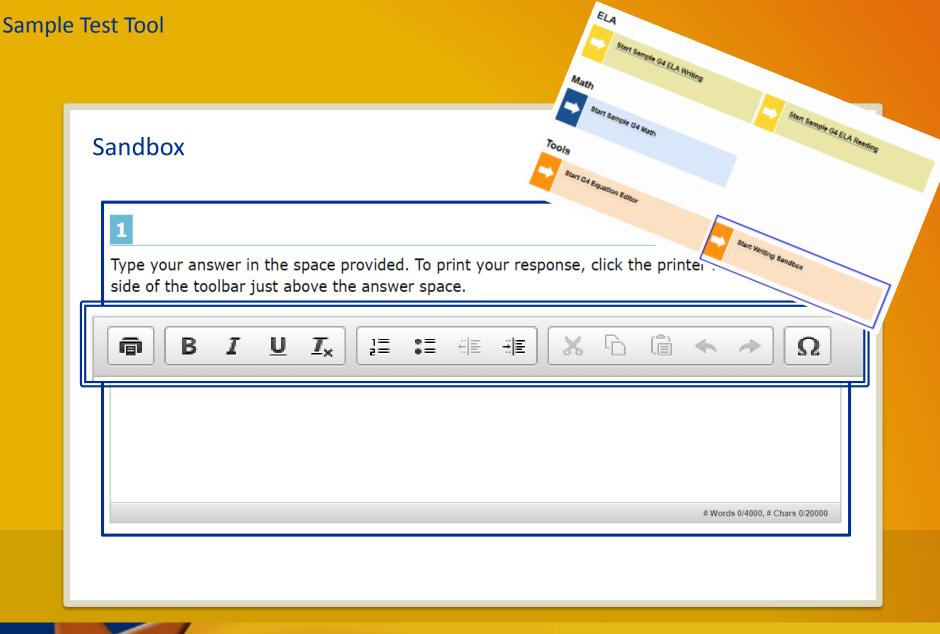
Notepad

Notepad

Line Reader

In 1798, John Adams signed an act of Congress that created the United States Marine Band. The band began as only drums and fifes (an instrument like a flute). Today, the band is a full orchestra with some of the best musicians in





Grade	ELA Average Time Hours: Minutes 3 test sessions	Math Average Time Hours: Minutes 2 test sessions
3	3:48	1:44
4	3:44	1:46
5	4:04	1:56
6	4:03	1:59
7	3:45	2:00
8	3:26	1:55
9/Algebra I	2:40	1:42
10/Geometry	2:35	1:36
11/Algebra II	2:22	1:28



Contact Us!

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